

What is Claimed is:

1. A method of parsing an XML document, comprising the steps of:
defining type-specific object classes; and
associating the type-specific object classes with the XML document.
2. A system of parsing an XML document, comprising:
a computer capable of receiving the XML document;
a code for operating the computer;
means for calling the code; and
a class declaration locatable by the code.
3. A method of parsing an XML document, comprising the steps of:
acquiring the XML document;
associating the XML document with a call;
calling a code; and
creating a type specific object from the XML document because of the
code.
4. A method of generating type-specific objects from XML, comprising the
steps of:
calling a code that operates on XML;
processing the code;
locating type-specific class associations;

locating the type-specific class code via the step of processing; acquiring
the type-specific class code via the step of processing;

parsing the XML to obtain the type-specific objects, the step of parsing
being dictated by the type-specific class declarations from the step of locating and
according to a result of the step of processing.

5. A method of generating type-specific objects from a generic object,
omprising the steps of:

creating an XML document;

defining type-specific object classes corresponding to the type-specific
objects;

associating the type-specific object classes with the XML document;

parsing the XML document to instantiate the type-specific object classes;

and

obtaining the type-specific objects.

6. The method of claim 1, wherein the association is selected from
the group consisting of explicit association and implicit association.

7. The method of claim 6, wherein the explicit association is by specification
via the XML document or a DTD of the XML document.

8. The method of claim 6, wherein the implicit association is by publication
of type-specific classes, locators, or links to the Internet, a database, or a query engine.

9. The method of claim 2, wherein the means is associated with XML document.
10. The method of claim 4, wherein the step of parsing is dictated by intelligent parser or a parser that uses instantiation directives.